

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|--------------------|---------------------|
| - | 4 | ((("5388945") or ("5954997") or ("5770521") or ("4469777")).PN. | USPAT; US-PGPUB | 2002/08/16 15:20 |
| - | 3 | ((("6103625") or ("6046108") or ("6110648")).PN. or (2002/0037642).CCLS. | USPAT; US-PGPUB | 2002/08/16 15:26 |
| - | 752 | 414/217.ccls. | USPAT; US-PGPUB | 2002/08/16 15:26 |
| - | 9 | 414/217.ccls. and (PCB or (printed adj circuit adj board)) | USPAT; US-PGPUB | 2002/08/16 15:34 |
| - | 12 | 414/\$.ccls. and (PCB or (printed adj circuit adj board)) and component and dry and gas | USPAT; US-PGPUB | 2002/08/16 15:52 |
| - | 1 | 5388945.pn. | USPAT; US-PGPUB | 2002/08/16 15:40 |
| - | 11 | ("4724874" "4758127" "4776745" "4923352" "4964776" "4995430" "5059079" "5064337" "5137063" "5220548" "5284412").PN. | USPAT | 2002/08/16 15:40 |
| - | 25 | 5388945.URPN. | USPAT | 2002/08/16 15:47 |
| - | 1075 | (assembling with (PCB or (printed adj circuit adj board))) | USPAT; US-PGPUB | 2002/08/16 15:59 |
| - | 76 | (assembling with (PCB or (printed adj circuit adj board))) and dry | USPAT; US-PGPUB | 2002/08/16 16:00 |
| - | 3 | (assembling with (PCB or (printed adj circuit adj board))) and ((dry or hot) adj gas) | USPAT; US-PGPUB | 2002/08/16 16:03 |
| - | 276 | (assembling with component with (PCB or (printed adj circuit adj board))) | USPAT; US-PGPUB | 2002/08/16 16:04 |
| - | 2994 | ((placing or mounting or installing or assembling) with component with (PCB or (printed adj circuit adj board))) | USPAT; US-PGPUB | 2002/08/16 16:05 |
| - | 1806 | ((placing or mounting or installing or assembling) with component with (PCB or (printed adj circuit adj board))) and (machine or apparatus) | USPAT; US-PGPUB | 2002/08/16 16:06 |
| - | 36 | ((placing or mounting or installing or assembling) with component with (PCB or (printed adj circuit adj board))) and (machine or apparatus) and ((dry or hot) with (gas or ventilation or exhhaust)) | USPAT; US-PGPUB | 2002/08/16 16:08 |
| - | 66 | ((placing or mounting or installing or assembling) with (chip or component or IC) with (PCB or (printed adj circuit adj board))) and (machine or apparatus) and ((dry or hot) with (gas or ventilation or exhhaust)) | USPAT; US-PGPUB | 2002/08/16 16:09 |
| - | 17 | ((placing or mounting or installing or assembling) with (chip or component or IC) with (PCB or (printed adj circuit adj board))) and (machine or apparatus) and ((dry or hot) with (gas or ventilation or exhhaust)) and (storage or stock) | USPAT; US-PGPUB | 2002/08/16 16:12 |
| - | 7 | ((machine or apparatus) with (placing or mounting or installing or assembling) with (chip or component or IC) with (PCB or (printed adj circuit adj board))) and ((dry or hot) with (gas or ventilation or exhhaust)) and (storage or stock) | USPAT; US-PGPUB | 2002/08/16 16:16 |
| - | 613 | ((machine or apparatus) with (placing or mounting or installing or assembling) with (chip or component or IC) with (PCB or (printed adj circuit adj board))) | USPAT; US-PGPUB | 2002/08/16 16:17 |
| - | 23 | ((machine or apparatus) with (placing or mounting or installing or assembling) with (chip or component or IC) with (PCB or (printed adj circuit adj board))) and ((dry or hot) with (gas or ventilation or exhhaust)) | USPAT; US-PGPUB | 2002/08/16 16:43 |

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| - | 8 | ("4514858" "4899921" "5235407" "5396334" "5420691" "5457538" "5519496" "5541834").PN. | USPAT | 2002/08/16 16:22 |
| - | 8 | 5903662.URPN. | USPAT | 2002/08/16 16:23 |
| - | 200 | ((device or equipment or machine or apparatus or method or process) with (feeding or plac\$3 or mount\$3 or install\$3 or assembl\$3 or insert\$3 or put\$4) with (chip or component or IC) with (PCB or (circuit adj board))) and ((dry or hot) with (gas or ventilation or exhhaust)) | USPAT; US-PGPUB | 2002/08/16 16:51 |
| - | 49 | ((device or equipment or machine or apparatus or method or process) with (feeding or plac\$3 or mount\$3 or install\$3 or assembl\$3 or insert\$3 or put\$4) with (chip or component or IC) with (PCB or (circuit adj board))) and ((dry or hot) with (gas or ventilation or exhhaust)) and (moisture or humidity) | USPAT; US-PGPUB | 2002/08/16 16:55 |
| - | 4 | ((("6059170") or ("6284996") or ("5903662") or ("6246789")).PN. | USPAT; US-PGPUB | 2002/08/19 09:21 |
| - | 2 | ((("5388945") or ("5884392")).PN. | USPAT; US-PGPUB | 2002/08/19 09:21 |
| - | 1 | 5364045.pn. | USPAT; US-PGPUB | 2002/08/19 12:06 |
| - | 10 | ("1848859" "3603528" "3798657" "3920394" "4513862" "5014929" "5038934" "5046674" "5123608" "5195689").PN. | USPAT | 2002/08/19 12:04 |
| - | 2 | 5364045.URPN. | USPAT | 2002/08/19 12:58 |
| - | 179 | 242/588.6.ccls. | USPAT; US-PGPUB | 2002/08/19 12:11 |
| - | 30 | 242/588.6.ccls. and component | USPAT; US-PGPUB | 2002/08/19 12:14 |
| - | 1051 | (29/739-742).ccls. and component | USPAT; US-PGPUB | 2002/08/19 12:15 |
| - | 786 | (29/739-742).ccls. and component and (pcb or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/19 12:16 |
| - | 13 | (29/739-742).ccls. and component and (pcb or (circuit adj board)) and dry | USPAT; US-PGPUB | 2002/08/19 12:20 |
| - | 2 | (29/760).ccls. and component and (pcb or (circuit adj board)) and dry | USPAT; US-PGPUB | 2002/08/19 12:21 |
| - | 52 | (29/832).ccls. and component and (pcb or (circuit adj board)) and dry | USPAT; US-PGPUB | 2002/08/19 12:46 |
| - | 0 | (29/829+).ccls. and component and (pcb or (circuit adj board)) and dry | USPAT; US-PGPUB | 2002/08/19 12:46 |
| - | 1 | 5364045.pn. | USPAT | 2002/08/19 12:58 |
| - | 66 | ((dispensing or placing or mounting or installing or assembling) with (chip or component or IC or (surface adj mount adj device)) with (PCB or (printed adj circuit adj board))) and (machine or apparatus) and ((dry or hot) with (gas or ventilation or exhhaust)) | USPAT; US-PGPUB | 2002/08/19 13:05 |
| - | 0 | (pick adj place adj (component or device or machine)) and (moisture or humidity) and (dry adj (gas or atmosphere)) and (PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 09:15 |
| - | 541 | (pick adj place adj (component or device or machine)) | USPAT; US-PGPUB | 2002/08/20 09:16 |
| - | 39 | (pick adj place adj (component or device or machine)) and (moisture or humidity) | USPAT; US-PGPUB | 2002/08/20 09:17 |
| - | 0 | (pick adj place adj (component or device or machine)) and (moisture or humidity) and (dry adj (gas or atmosphere)) | USPAT; US-PGPUB | 2002/08/20 09:18 |

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| - | 9 | (pick adj place adj (component or device or machine)) and (moisture or humidity) and (PCB or (circuit adj board)) and (dry) | USPAT; US-PGPUB | 2002/08/20 09:20 |
| - | 0 | (pick adj place adj (component or device or machine)) and (moisture or humidity) and (PCB or (circuit adj board)) and ((hot or dry) adj (exhaust or gas or atmosphere)) | USPAT; US-PGPUB | 2002/08/20 09:21 |
| - | 27 | (pick adj place adj (component or device or machine)) and (moisture or humidity) and (PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 18:28 |
| - | 13 | ("3815251" "4705311" "4769904" "4860438" "4951400" "5323528" "5446960" "5449265" "5524765" "5605430" "5613632" "5732478" "5778524").PN. | USPAT | 2002/08/20 09:26 |
| - | 1 | 219/\$.ccls. and (pick adj place adj (component or device or machine)) and (moisture or humidity) and (PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 09:49 |
| - | 1 | 6054682.pn. and (pick adj place adj (component or device or machine)) and (moisture or humidity) and (PCB or (circuit adj board)) and tray | USPAT; US-PGPUB | 2002/08/20 11:28 |
| - | 0 | 6054682.pn. and (pick adj place adj (component or device or machine)) and (moisture or humidity) and (PCB or (circuit adj board)) and tray and bulk | USPAT; US-PGPUB | 2002/08/20 11:36 |
| - | 0 | 6054682.pn. and sensor | USPAT; US-PGPUB | 2002/08/20 11:36 |
| - | 4731 | (sensor near (humidity or moisture or vapor)) | USPAT; US-PGPUB | 2002/08/20 11:48 |
| - | 0 | (sensor near (humidity or moisture or vapor)) and (5884392.pn. or 5388945.pn.) | USPAT; US-PGPUB | 2002/08/20 11:48 |
| - | 96 | (sensor near (humidity or moisture or vapor)) and (dry adj gas) | USPAT; US-PGPUB | 2002/08/20 11:50 |
| - | 221 | (sensor near (humidity or moisture or vapor)) and ((hot or dry) adj (delivery or exhaust or gas or atmosphere)) | USPAT; US-PGPUB | 2002/08/20 11:51 |
| - | 205 | (sensor near (humidity or moisture or vapor)) and ((hot or dry) adj (delivery or exhaust or gas or atmosphere)) and control | USPAT; US-PGPUB | 2002/08/20 11:52 |
| - | 7 | (sensor near (humidity or moisture or vapor)) and ((hot or dry) adj (delivery or exhaust or gas or atmosphere)) and control and (PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 12:13 |
| - | 33 | (sensor near (humidity or moisture or vapor)) and (((hot or dry) adj (delivery or exhaust or gas or atmosphere)) with control) | USPAT; US-PGPUB | 2002/08/20 12:32 |
| - | 1 | (sensor near (humidity or moisture or vapor)) and (((hot or dry) adj (delivery or exhaust or gas or atmosphere)) with control) and 5365779.pn. | USPAT; US-PGPUB | 2002/08/20 12:33 |
| - | 0 | (sensor near (humidity or moisture or vapor)) and (((hot or dry) adj (delivery or exhaust or gas or atmosphere)) with control) and 5365779.pn. and (PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 12:34 |
| - | 0 | (sensor near (humidity or moisture or vapor)) and (((hot or dry) adj (delivery or exhaust or gas or atmosphere)) with control) and 5365779.pn. and (wafer or chip or semiconductor or SMD or PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 12:34 |

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| - | 8 | (sensor near (humidity or moisture or vapor)) and ((hot or dry) adj (delivery or exhaust or gas or atmosphere)) with control) and (wafer or chip or semiconductor or SMD or PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 15:00 |
| - | 11604 | (humidity or moisture or vapor) same percentage | USPAT; US-PGPUB | 2002/08/20 15:01 |
| - | 3533 | (remove or removed or removing or dry or dried or drying) same (humidity or moisture or vapor) same percentage | USPAT; US-PGPUB | 2002/08/20 15:02 |
| - | 834 | ((remove or removed or removing or dry or dried or drying) with (humidity or moisture or vapor) with percentage) | USPAT; US-PGPUB | 2002/08/20 15:04 |
| - | 131 | ((remove or removed or removing or dry or dried or drying) with (humidity or moisture or vapor) with percentage) and (wafer or chip or semiconductor or SMD or PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 15:06 |
| - | 810 | ((remove or removed or removing or dry or dried or drying) with (humidity or moisture or vapor) with (percent or percentage)) and (wafer or chip or semiconductor or SMD or PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 15:07 |
| - | 325 | ((remove or removed or removing or dry or dried or drying) with (humidity or moisture or vapor) with (percent or percentage)) and (wafer or (component adj chip) or semiconductor or SMD or PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 15:08 |
| - | 333 | ((eliminate or eliminating or remove or removed or removing or dry or dried or drying) with (humidity or moisture or vapor) with (percent or percentage)) and (wafer or (component adj chip) or semiconductor or SMD or PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 16:26 |
| - | 0 | (percent or percentage) and 6054682.pn. | USPAT; US-PGPUB | 2002/08/20 15:36 |
| - | 0 | (percent or percentage) and 5365779.pn. | USPAT; US-PGPUB | 2002/08/20 15:36 |
| - | 0 | ((eliminate or eliminating or remove or removed or removing or dry or dried or drying) adj (humidity or moisture or vapor)) with (percent or percentage)) and (wafer or (component adj chip) or semiconductor or SMD or PCB or (circuit adj board)) and (dry adj (gas or atmosphere)) | USPAT; US-PGPUB | 2002/08/20 16:30 |
| - | 46 | ((eliminate or eliminating or remove or removed or removing or dry or dried or drying) adj (humidity or moisture or vapor)) with (percent or percentage)) and (wafer or (component adj chip) or semiconductor or SMD or PCB or (circuit adj board)) | USPAT; US-PGPUB | 2002/08/20 16:35 |
| - | 7 | ((eliminate or eliminating or remove or removed or removing or dry or dried or drying) adj (humidity or moisture or vapor)) with (percent or percentage)) and (dry adj (gas or atmosphere)) | USPAT; US-PGPUB | 2002/08/20 16:31 |
| - | 1 | 3809924.pn. and (percent or percentage) | USPAT; US-PGPUB | 2002/08/20 18:11 |
| - | 1 | 5385882.pn. | USPAT; US-PGPUB | 2002/08/20 18:12 |
| - | 1 | 5297438.pn. | USPAT; US-PGPUB | 2002/08/20 18:12 |
| - | 1 | 5884392.pn. | USPAT; US-PGPUB | 2002/08/20 18:27 |

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|---|-----|--|--------------------------------|---------------------|
| - | 565 | 219/385.ccls. | USPAT; US-PGPUB | 2002/08/20 18:28 |
| - | 56 | ((device or equipment or machine or apparatus or method or process) with (feeding or plac\$3 or mount\$3 or install\$3 or assembl\$3 or insert\$3 or put\$4) with (chip or component or IC) with (PCB or (circuit adj board))) and ((dry or hot) with (gas or ventilation or exhhaust)) and (moisture or humidity) | USPAT; US-PGPUB; IBM_TDB | 2003/01/23 15:03 |
| - | 1 | 5364045.pn. and dry | USPAT; US-PGPUB; IBM_TDB | 2003/01/23 15:04 |
| - | 1 | 5364045.pn. and dry | USPAT; US-PGPUB; IBM_TDB | 2003/01/24 08:47 |
| - | 10 | ("1848859" "3603528" "3798657" "3920394" "4513862" "5014929" "5038934" "5046674" "5123608" "5195689").PN. | USPAT | 2003/01/24 08:47 |
| - | 2 | 5364045.URPN. | USPAT | 2003/01/24 08:49 |
| - | 1 | apparatus adj method adj maintaining adj dry adj atmosphere | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 10:57 |
| - | 0 | 29/\$.ccls. and (apparatus adj maintaining adj dry adj atmosphere) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 10:58 |
| - | 14 | 29/\$.ccls. and (apparatus or device or system or machine) same (maintain\$3 or kept or keep\$3 or hold\$3 or conserv\$3) and (dry adj atmosphere) and (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:02 |
| - | 3 | 29/\$.ccls. and (apparatus or device or system or machine) same (maintain\$3 or kept or keep\$3 or hold\$3 or conserv\$3) same (dry adj atmosphere) and (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:07 |
| - | 105 | (apparatus or device or system or machine) same (maintain\$3 or kept or keep\$3 or hold\$3 or conserv\$3) same (dry adj atmosphere) and (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:08 |
| - | 10 | (apparatus or device or system or machine) same (maintain\$3 or kept or keep\$3 or hold\$3 or conserv\$3) same (dry adj atmosphere) same (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:16 |
| - | 20 | ("4572427" "4704792" "4815913" "4838911" "5226713" "5297438" "5318181" "5364045" "5364225" "5368786" "5371046" "5749234" "5916513" "5944602" "6008476" "6054682" "6105606" "6122918" "6158146" "6357142").PN. | USPAT | 2003/11/14 11:09 |
| - | 0 | 29/729.ccls. and (maintain\$3 or kept or keep\$3 or hold\$3 or conserv\$3) same (dry adj atmosphere) same (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:19 |
| - | 0 | 29/729.ccls. and (maintain\$3 or kept or keep\$3 or hold\$3 or conserv\$3) same (dry adj (storage or environment or atmosphere)) same (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:18 |
| - | 0 | 29/729.ccls. and (dry adj (storage or environment or atmosphere)) same (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:18 |
| - | 0 | 29/729.ccls. and (dry adj (storage or environment or atmosphere)) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:18 |

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|---|-----|---|--------------------------------|---------------------|
| - | 53 | 29/729.ccls. and stor\$4 | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:19 |
| - | 1 | 29/729.ccls. and dry same stor\$4 | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:19 |
| - | 1 | (34/380,218).ccls. and (maintain\$3 or kept or keep\$3 or hold\$3 or conserv\$3) same (dry adj atmosphere) same (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:20 |
| - | 0 | (221/150A,71).ccls. and (maintain\$3 or kept or keep\$3 or hold\$3 or conserv\$3) same (dry adj atmosphere) same (IC or chip or component) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:21 |
| - | 0 | (221/150A,71).ccls. and (dry adj atmosphere) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:21 |
| - | 0 | (221/150A,71).ccls. and (dry adj stor\$4) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:21 |
| - | 270 | (221/150A,71).ccls. | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:21 |
| - | 126 | (221/150A,71).ccls. and stor\$3 | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:22 |
| - | 72 | (221/150A,71).ccls. and stor\$3 and (component or IC or chip) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:22 |
| - | 16 | (221/150A,71).ccls. and stor\$3 with (component or IC or chip) | USPAT; US-PGPUB; IBM_TDB | 2003/11/14 11:22 |
| - | 1 | 6054682.URPN. | USPAT | 2003/11/14 11:23 |
| - | 13 | ("3815251" "4705311" "4769904" "4860438" "4951400" "5323528" "5446960" "5449265" "5524765" "5605430" "5613632" "5732478" "5778524").PN. | USPAT | 2003/11/14 11:23 |